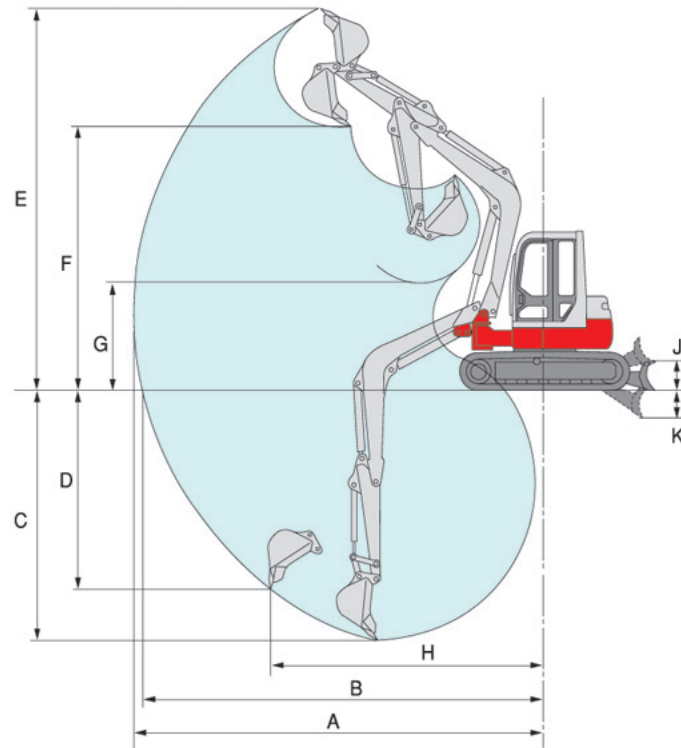


TB153FR

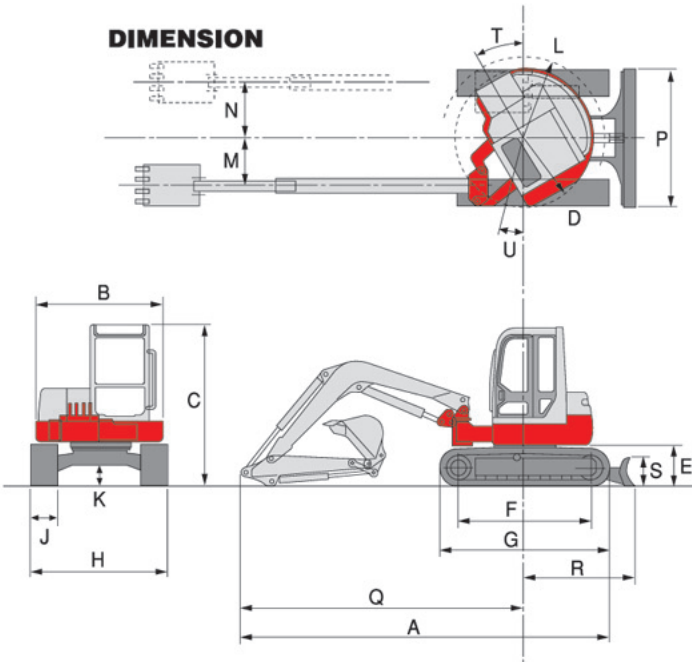
ZERO-SWING EXCAVATOR

● Machine Weight : 5615kg

OPERATING RANGE



DIMENSION



Units:mm

Item	Standard Arm	Long Arm
	Rubber Crawlers	
A Max. digging radius	5905	6195
B Max. ground digging radius	5765	6065
C Max. digging depth	3590	3900
D Max. vertical digging depth	2735	3030
E Max. digging height	5320	5490
F Max. dumping height	3710	3885
G Min. dumping height	1435	1125
H Max. vertical digging radius	3985	4075
J Max. raising height	435	←
K Max. lowering depth	350	←

Units:mm () : Canopy

Item	Standard Arm	Long Arm	Item	Standard Arm	Long Arm
	Rubber Crawlers			Rubber Crawlers	
A	5330	5350	L	1285	←
B	1860	←	M	720	←
C	2570 (2585)	←	N	825	←
D	1110	←	P	2000	←
E	615	←	Q	4085	4105
F	1985	←	R	1720	←
G	2500	←	S	430	←
H	2000	←	T	30°	
J	400	←	U	15°	
K	300	←			

SPECIFICATIONS TB153FR Cab, Rubber Tracked, Breaker Piping Standard Long Dozer Blade (STEEL TRACKED)

WEIGHT		Rear Slew Radius	1110	OPERATING RANGE : mm	
Machine Weight	kg 5615 (5680)	Min. Ground Clearance	300	Max. Digging Depth	3590
BUCKET		PERFORMANCE		Max. Vertical Digging Depth	2735
Bucket Capacity	m ³ 0.141	Traction Speed	km/h 2.8 / 5.0 (2.5 / 4.7)	Max. Dumping Height	3710
Bucket Width	mm 640	Upper Slew Speed	min-1 9.8	Max. Digging Height	5320
DIESEL ENGINE (WATER-COOLED)		Gradeability	deg/% 30° / 58%	Max. Digging Radius	5905
Model	4TNV88-PTBZ1	Max Dig Power Bucket	kN 36.3	Max. Ground Digging Radius	5765
Type	4CYCL,4CYL,Direct Injection	Max Dig Power Arm	kN 25.2	Max. Bucket Offset RH/LH	825/720
Rated Output	kW 28.8	Ground Pressure	kPa 32.2 (32.6)	HYDRAULIC SYSTEM	
Max. Torque	N-m 138	DOZER BLADE : mm		Pump Type	2xVariable (P1+P2) +2xGear (P3+P4)
Displacement	mL 2189	Width x Height	2000x430	Set Pressure	MPa 20.6x2+19.6+3.4
Cooling Water Capacity	L 8.4	Operating Range up/down	435 / 350	Discharge	L/min 55.9x2+38.9+10.8
Lubrication Oil Capacity	L 7.4	OFF-SET DIG FUNCTION		Breaker & Service Port	L/min 55.9
Fuel Tank Capacity	L 65	Type	Boom Offset	Slew Motor	Piston Motor
OVERALL DIMENSION:mm		Swing Angle RH/LH	15° / 30°	Traction Motor	2-Speed Piston Motor
Length (in transport)	5330	TRACTION SYSTEM : mm		Hydraulic Tank Capacity	L 68 (Level) / 115 (System)
Width	2000	Crawler (Track)	Rubber		
Height	2570	Track Width RT (ST)	400 (400)		

WORLD CREATOR OF COMPACT EXCAVATOR

TAKEUCHI MFG.CO.,LTD.

205, Uwadaira,Sakaki-machi, Hanisina-gun.

Nagano 389-0605,Japan

Phone (81)268-81-1112

Telefax (81)268-81-1121

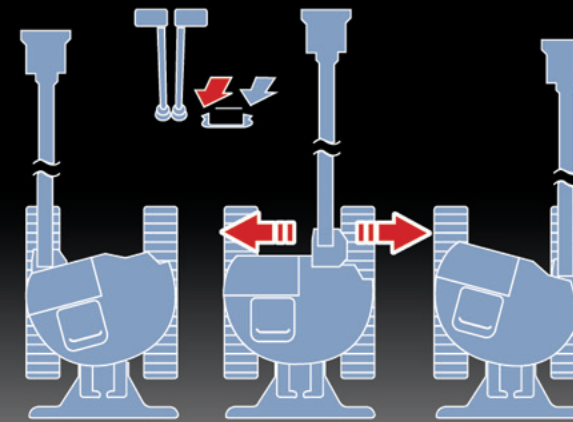
URL <http://www.takeuchi-mfg.co.jp>

E-mail:marketing@takeuchi-mfg.co.jp

In accordance with our established policy of constant improvement, we reserve the right to amend this specification at any time without notice. Printed in Japan. TK 060950



ADJUSTABLE ONE PIECE OFFSET BOOM SYSTEM



combined with zero-swing. A compact and innovative **ZERO-SWING**

enables the TB153FR to efficiently operate in confined areas.



Operator Comfort

Spacious Compartment
decreases operator's fatigue during long days of productive operation.

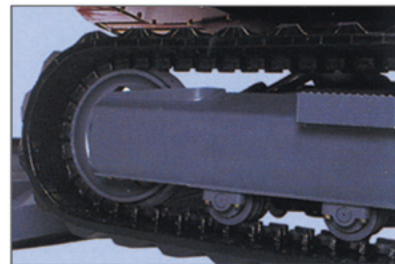
Wide Entrance
provides the comfort entry/exit.

Two-Speed Travel Switch
is conveniently located on the right hand travel lever for ease of operation.

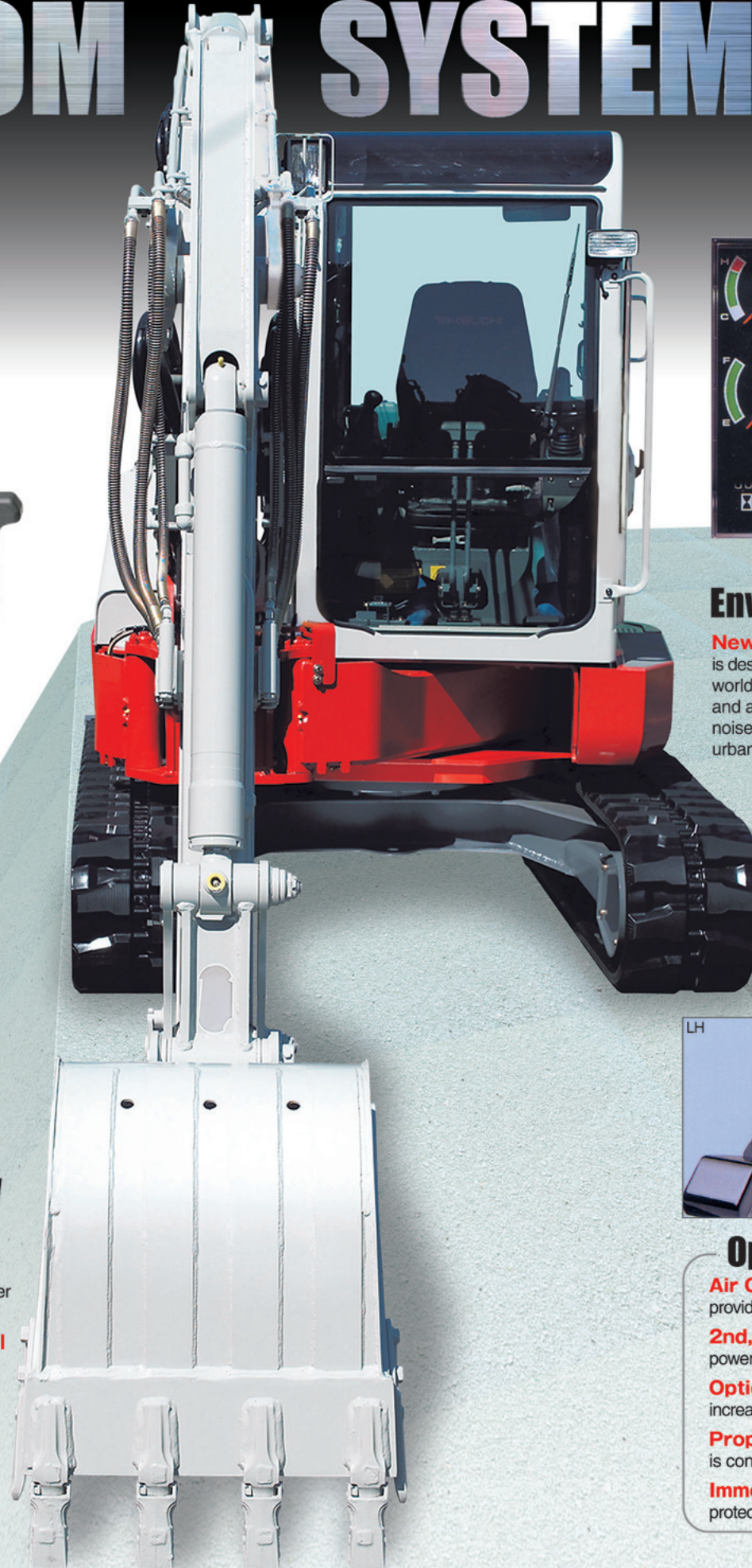


Two-Speed Travel Shift-Down System
automatically shifts travel speed from high to low speed when ground conditions call for additional traction power.

One Touch Engine Decelerator
installed on the right hand joystick reduces fuel consumption when the excavator is temporary idled.



Short Pitch Rubber Crawlers
provide vibration free travel even on the roughest ground conditions.



Safety

Well-Balanced Machine Weight
insures superior stability.

Emergency engine shut down / return to idle system
helps protect the engine from problems due to unobservant operators.

Environmental Sensitivity

New Series Engine
is designed to meet the most strict worldwide exhaust emission standards and also provides significantly reduced noise levels for minimal disturbance in urban areas.



TB153FR Canopy



Ease of Operations

Excellent Travel & Slew Speed
shorten operation cycle time.

Hydraulic Attachment
are operated by momentary push button or proportionally controlled by the slider switch on the joystick.



Serviceability

Tilt-Up Operator's Platform
provides excellent service access to the engine and other components.

Multiple Ground Level Access Panels
allow quick and easy maintenance servicing.

Newly Designed Radiator & Exhaust System
for releasing heat quickly / easy maintenance.

Options

Air Conditioner
provides a comfortable operating environment in even the warmest climate.

2nd, and 3rd AUXILIARY HYDRAULIC SERVICE PORT
powers attachments that require multiple hydraulic actuation.

Optional Long Arm
increases the excavators working range.

Proportional Auxiliary Hydraulic Switch
is controlled at your fingertips.

Immobilizer System
protects the machine from theft by requiring an ID coded key to start the excavator.

